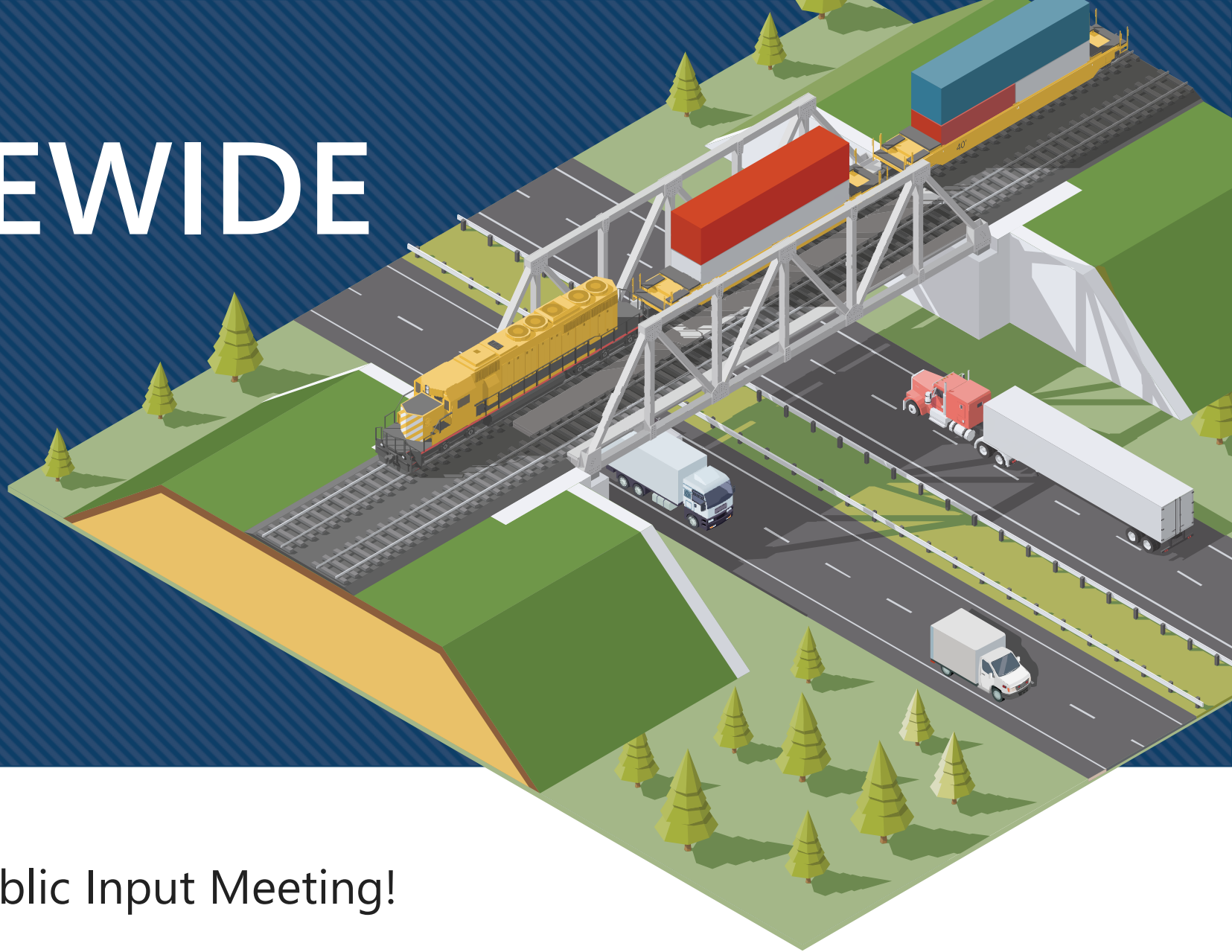


THIS MEETING IS RECORDED

ND STATEWIDE FREIGHT & RAIL PLAN



Welcome to the Virtual Public Input Meeting!

Meeting Agenda

Welcome – Stewart Milakovic, NDDOT

Participant Survey – Stewart Milakovic, NDDOT

Introductions – NDDOT Staff

Presentation – Keith Bucklew, HDR

Questions & Comments – HDR & NDDOT Staff

What Is The Freight & Rail Plan?

Guides advancement of multimodal (truck, train, plane) transportation system

Assesses all freight modes (road, rail, pipeline, air)

Identifies needs and issues related to freight & rail

Creates recommendations for policies, programs, projects, & processes

Serves as a roadmap for future investment in freight & rail infrastructure

Who Is Involved In This Plan?

Industry Stakeholders

High-level knowledge of the state of freight & rail practices in North Dakota

NDDOT Staff

Connections and communications with local, state and national level contacts
Experience in statewide plan development

Advisors & Subject Experts

Knowledge about industry trends and forecasts

General Public

Experience of freight & rail in North Dakota communities



Project Schedule



What Goes Into The Plan?



Transportation Connection

Long Range Transportation Plan

ESTABLISHED THE VISION:

**Delivering a safe,
innovative, and connected future**

Next, We Identified 5 Goals

GOALS



**KEEPING
YOU SAFE**



**CARING FOR
WHAT WE HAVE**



**CONNECTING
NORTH DAKOTA**



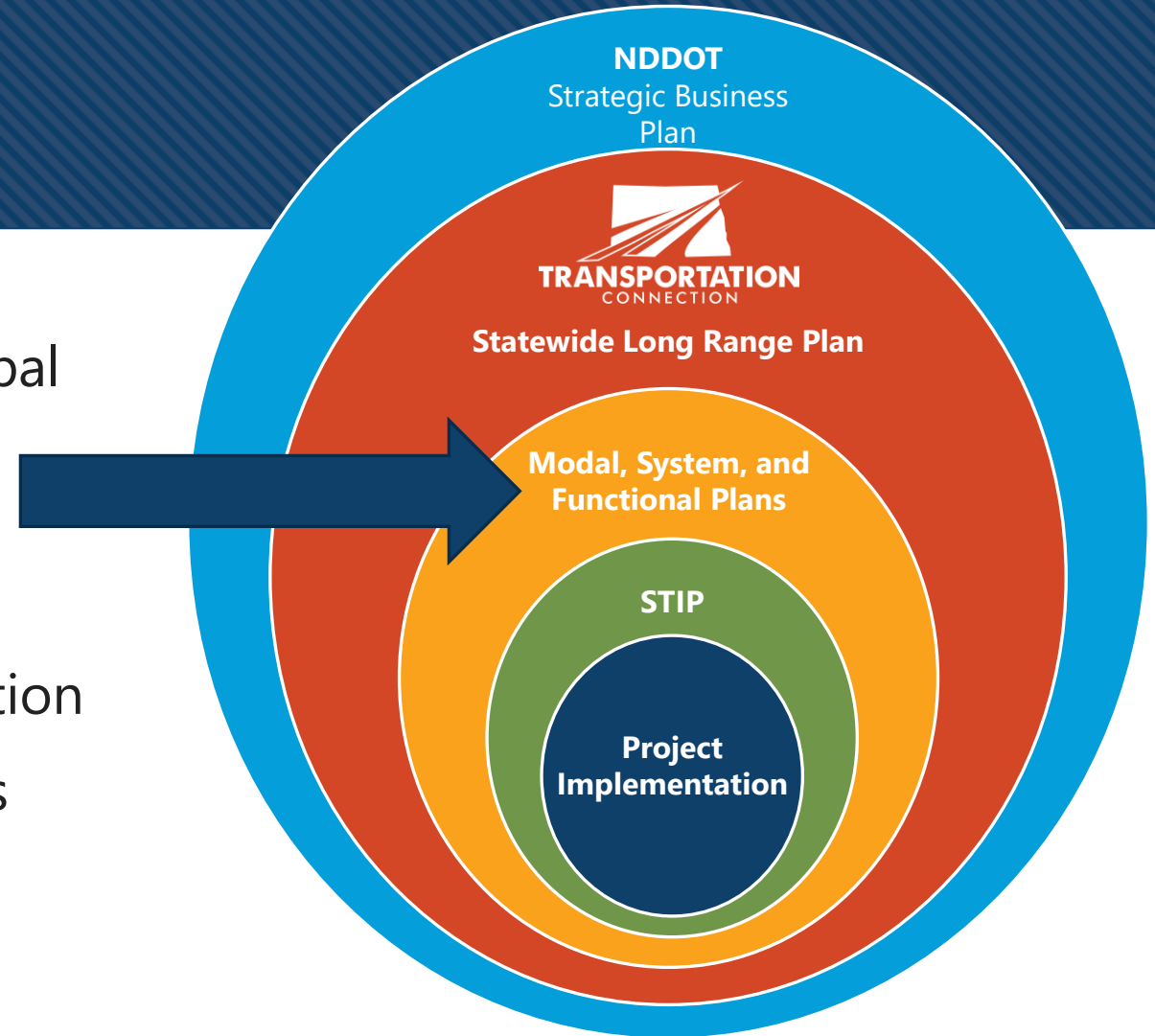
**HELPING YOU
GET THERE**



**INVESTING FOR
THE FUTURE**

What Are Our Goals?

- **Coordinate** with state, regional, tribal and local planning partners
- **Connect** with a wide variety of audiences
- **Tell the story** of freight transportation
- **Understand** customer expectations and priorities
- **Gauge** desired performance



Keeping You Safe



**KEEPING
YOU SAFE**

*Safety is reflected in
everything we do.*

We are continually innovating and improving what we do to make sure you are safe and secure whether driving, biking, or walking.

- Implement data-driven and proven safety improvements for all users
- Provide comprehensive safety education and information with transportation partners
- Encourage adoption and implementation of safety technologies
- Deploy infrastructure technology with proven safety benefits
- Anticipate future risks and security threats
- Support effective emergency response and disaster mitigation efforts

Caring For What We Have



CARING FOR WHAT WE HAVE

*Fixing what we have
is our priority.*

We are maintaining our existing infrastructure to save money down the road and we're addressing risks to keep that system working for you.

- Preserve the condition of all transportation infrastructure to serve critical functions
- Focus on routine and preventative maintenance activities aligned with customer expectations
- Reduce risk to transportation infrastructure from extreme weather events
- Enhance maintenance activities that support future technology deployment

Connecting North Dakota



**CONNECTING
NORTH DAKOTA**

*Transportation
matters.*

We are leveraging transportation investments to enhance economic competitiveness and improve the quality of life in communities across the state.

- Connect people, businesses, and communities across the state and to the world
- Improve and expand interregional and interstate trade and commerce transport
- Enhance North Dakota's natural resources and expand recreational access to natural places for residents, businesses, and visitors
- Consider potential of infrastructure assets for future travel alternatives and technology deployment

Helping You Get There



**HELPING YOU
GET THERE**

*Transportation
should be easy.*

We are helping make it more convenient for you to get where you want to go by improving data and information, travel choices and options, and operations and maintenance.

- Provide travel reliability and performance on state roads
- Improve seasonal maintenance and response times
- Provide easier transportation options and access for all travelers
- Improve access to and ease of traveler services
- Expand availability of travel and transportation information and resources
- Collaborate with transportation planning partners at the tribal, federal, state, regional and local levels

Investing For The Future



**INVESTING FOR
THE FUTURE**

*We work
for you.*

We are making smart investments in how we deliver services and are looking for responsible ways to fund our transportation system well into the future.

- Invest in future transportation workforce, data, and technology
- Focus on customers by modernizing services, travel information, and business functions
- Make strategic operational and infrastructure investments to increase efficiency, capacity, and performance
- Ensure sustainable and responsible funding for future transportation improvements that maximize return on investment
- Evaluate collaborative grant and partnership opportunities to advance community and economic transportation improvements
- Align investment strategies to deliver on customer expectations

Challenges to Be Addressed By The Freight & Rail Plan



Sustainability

- Ensuring freight infrastructure durability
- Asset Management – optimizing durability vs. cost



Resiliency

- Improved freight transportation resiliency
- Quick recovery from major weather events
- Quick response to safety incidents



Market Access

- Leveraging BNSF intermodal capacity
- Ensuring competitive access to domestic and global markets



Fiscal Constraints

- Grants and other funding opportunities are limited
- Private versus public responsibility in development (rail)

Challenges to Be Addressed By The Freight & Rail Plan



E-Commerce

- Growing e-commerce serving rural populations
- Growing e-commerce serving disadvantaged populations



Safety

- Railroad safety
- Roadway safety



Rural Transportation Preservation

- Efficiently serving the full spectrum of the North Dakota economy, geographies, and products
- Shortline Railroad



Technology

- Define State's role & responsibility
- Set conditions for Carrier use

BALANCING THE NEEDS OF STAKEHOLDERS IS KEY TO A SUCCESSFUL PLAN

Why Is This Plan Important?

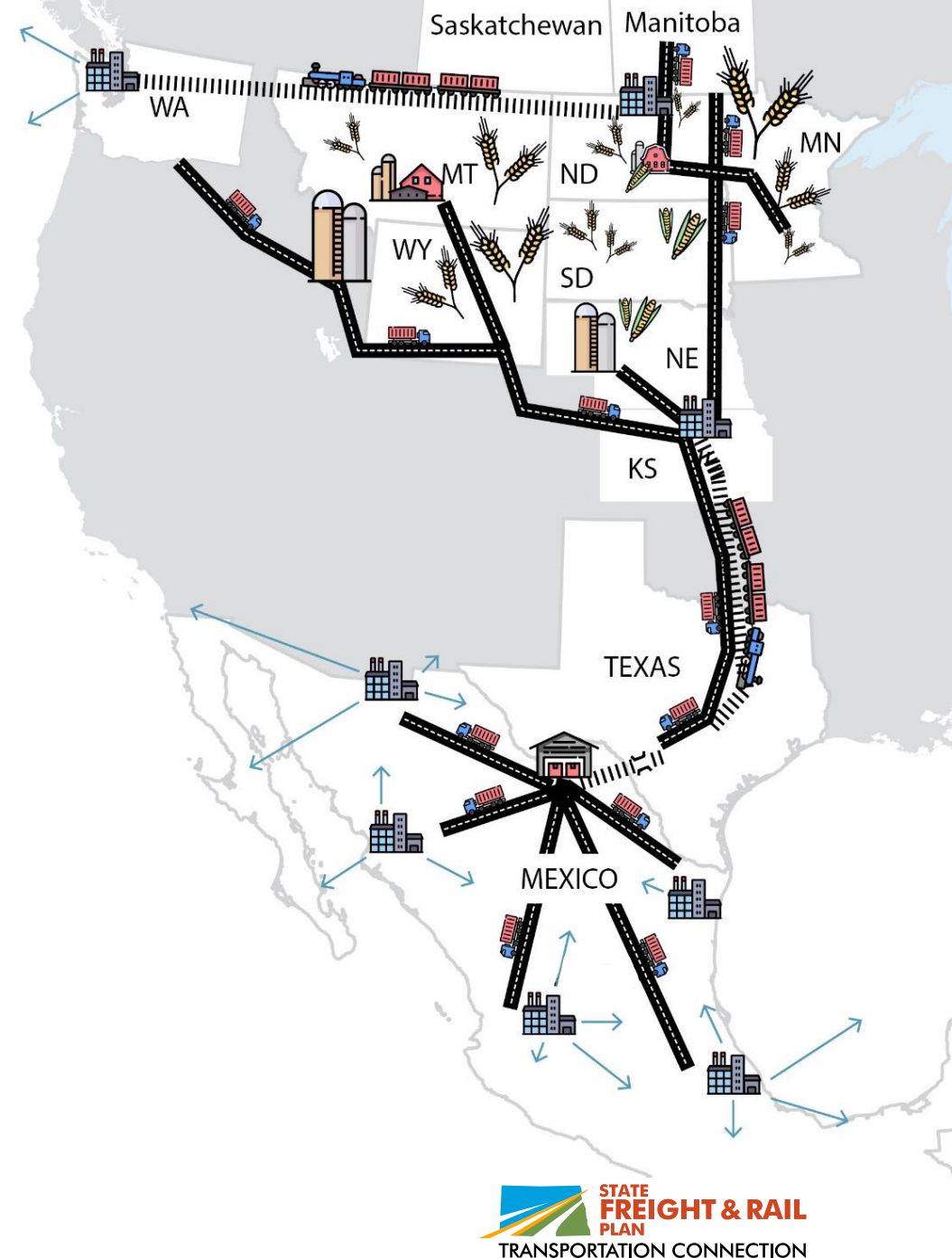


Freight Mobility Plan: Holistic Approach



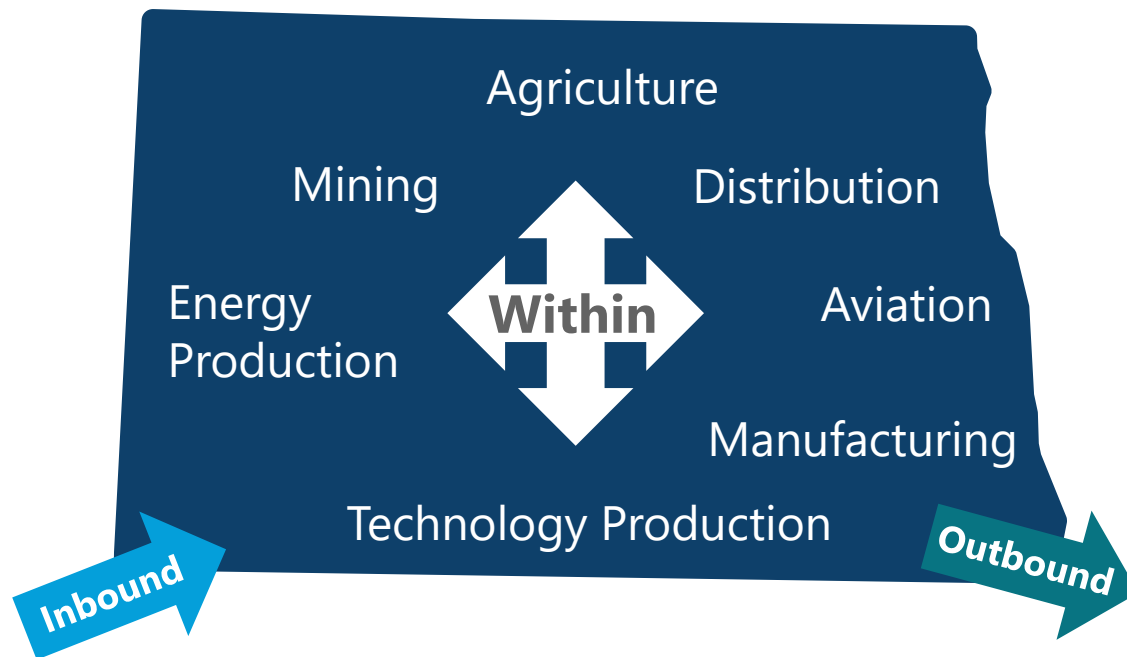
Supply Chains Are Key To The Economic Vitality Of The State

- Freight mobility is the link(s) to get products from the source to the destination.
- Supply chains are designed with **two** criteria: service and cost.
- Other important criteria affecting cost and service
 - Security
 - Safety
 - Resiliency
 - Reliability



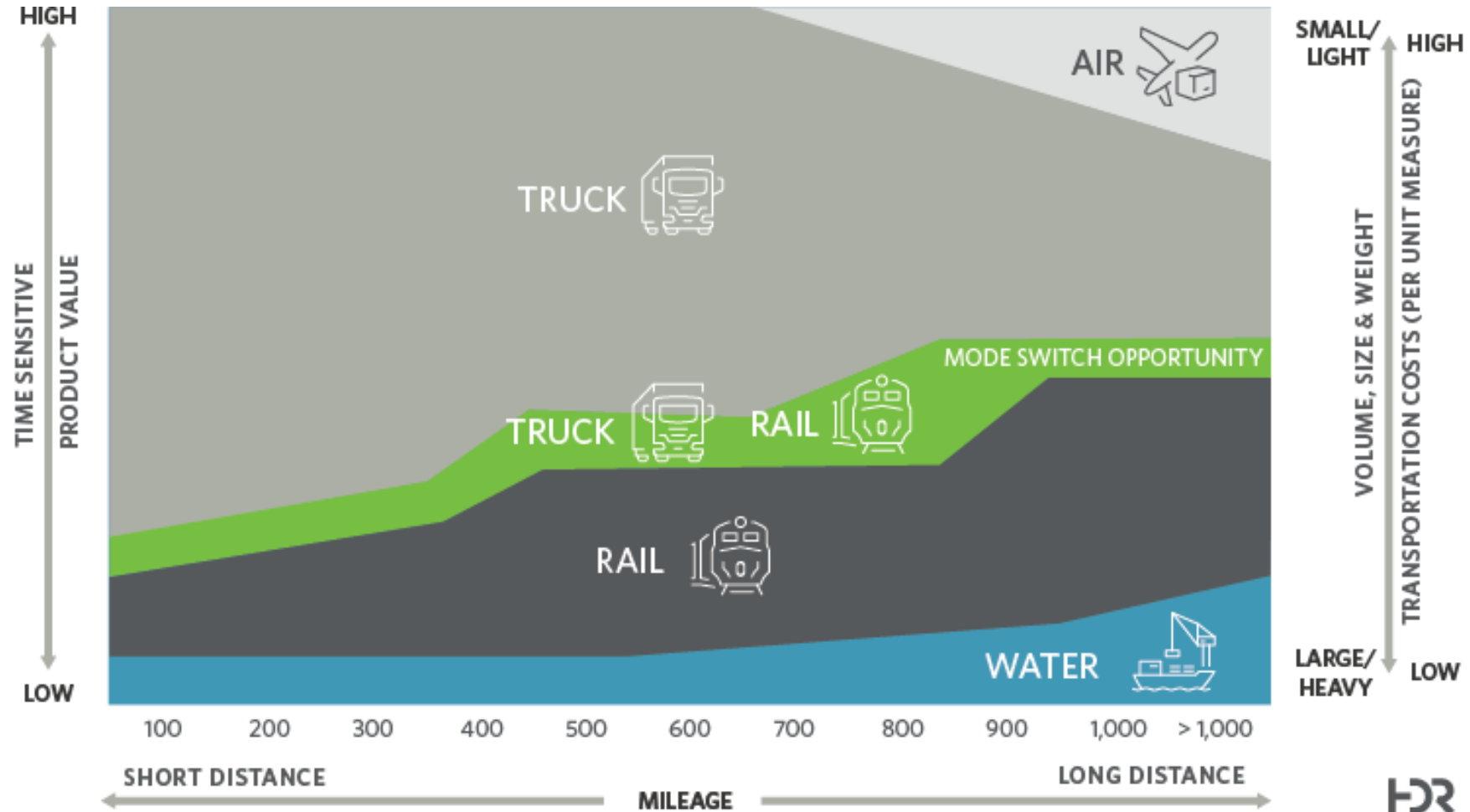
Economic Context & The Impact of Freight

BOTTOM LINE:
COMPETITIVENESS, JOBS & QUALITY OF LIFE



- Goods & commodities flow
- Freight generators & logistics clusters
- Supply chain connectivity

Domestic Freight Modal Selection



Source: K.J. Bucklew - March 2021

How Can You participate?



Follow Us On Social Media



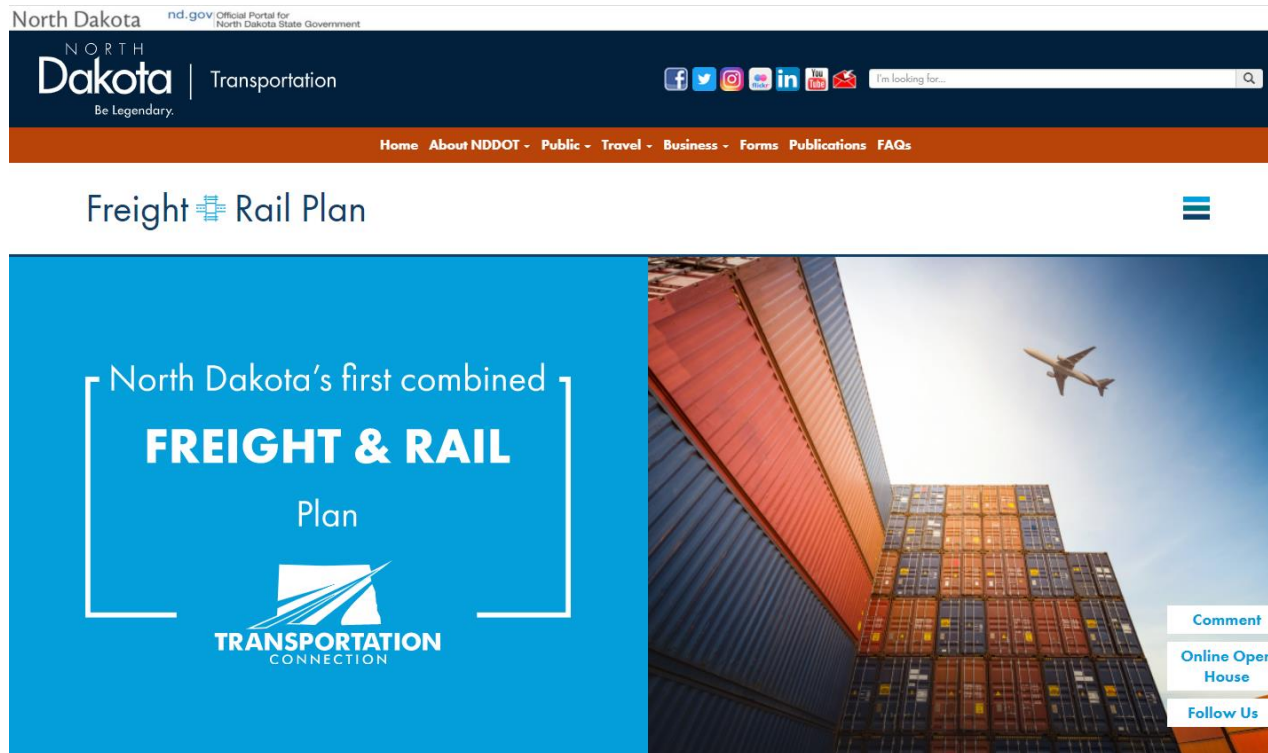
@TransportationConnection



@NDLRTP

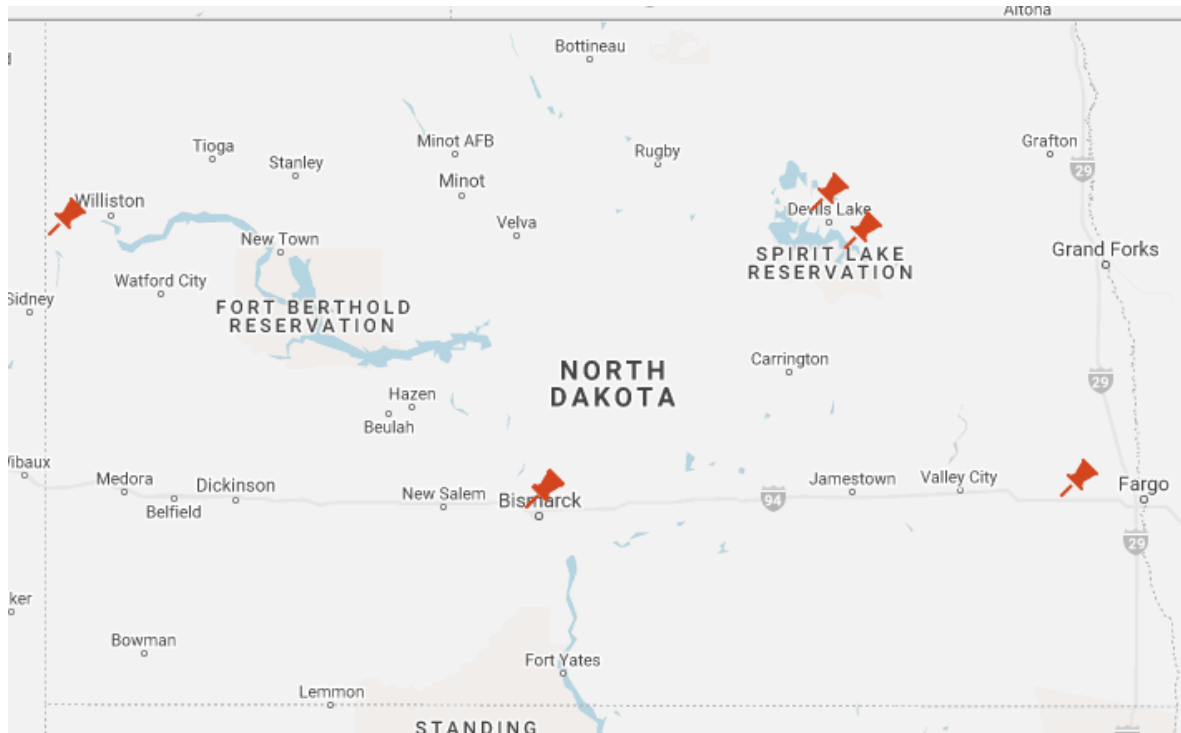


Project Website



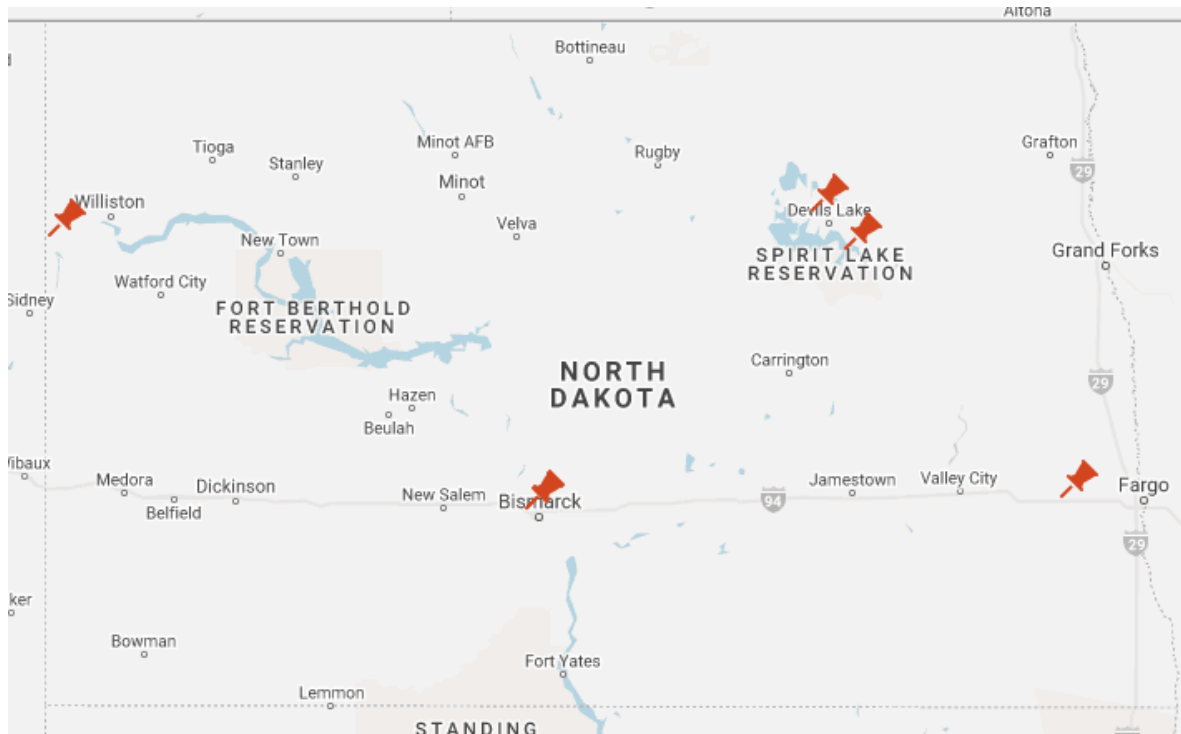
- Submit comments
- Participate in self-paced virtual meetings
- Access our social media pages
- View project updates
- Learn more about freight & rail in ND
- Stay informed about upcoming meetings
- Leave pins on our live comment map

Comment Map – Truck Freight & Roads



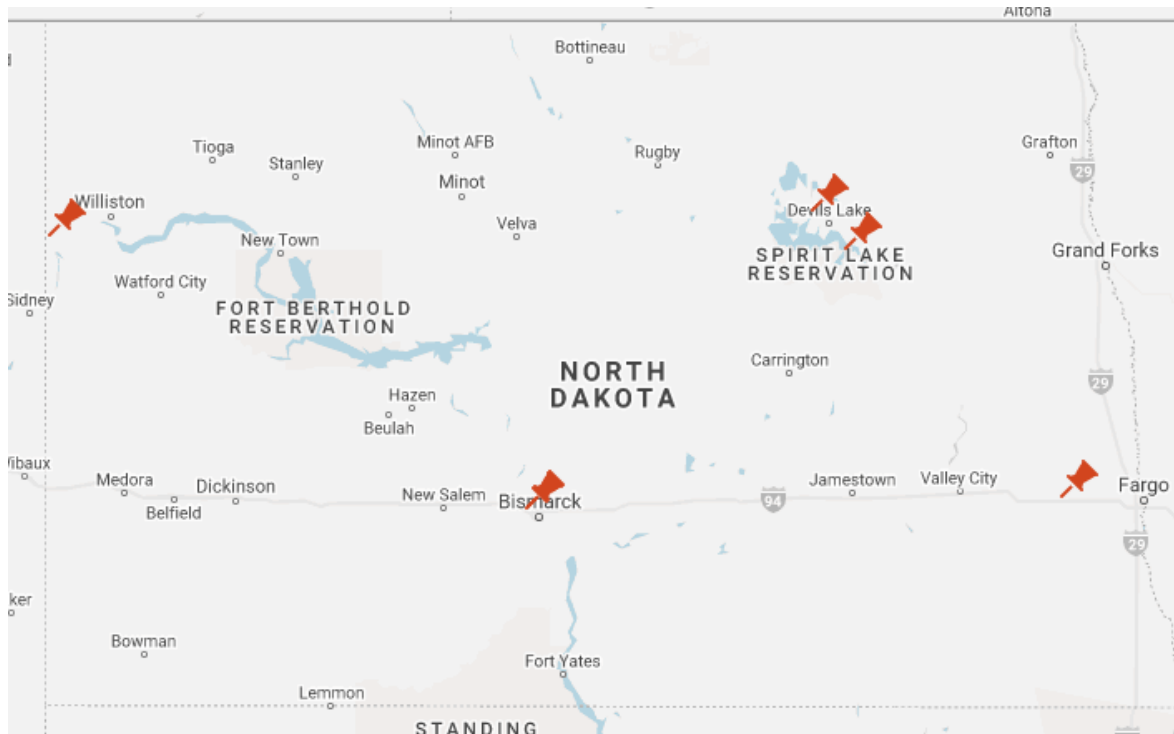
- Areas prone to heavy snow drifting
- Timeliness of snow removal
- Areas prone to flooding
- Tight intersections for trucks
- Rough railroad track crossings
- Bridge/highway maintenance
- Highway congestion
- Weight/height restrictions of bridges & roads
- Border wait times
- Year-round road restrictions that hinder industry

Comment Map – Railroads



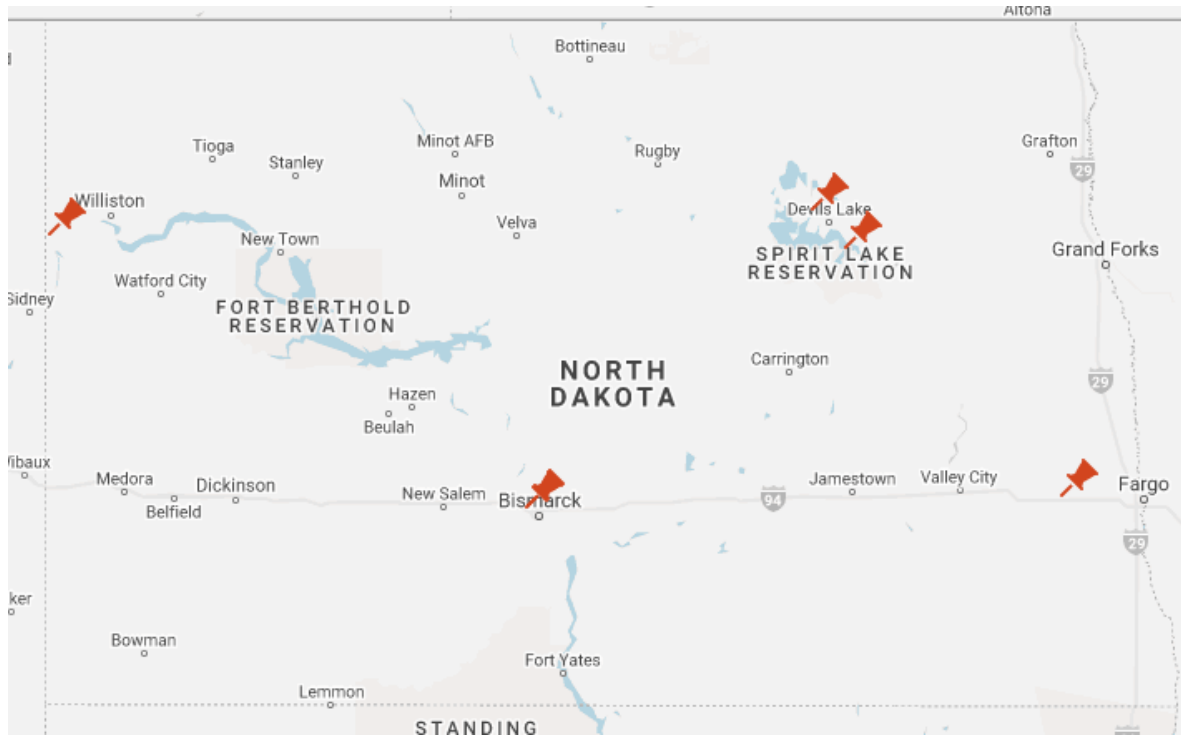
- Rough railroad track crossings
- Railroad crossing safety features
- Speed/horns of trains
- Wait time at rail crossings
- Current Amtrak service
- Speed/load-restricted tracks
- Rail service for industry
- Potential quiet zones
- Areas where Amtrak passenger rail service could be expanded
- Blocked crossings
- Crossings where vehicles/pedestrians bypass gates

Comment Map – Airports



- Drones too close to airports
- Parking at airports
- Taxi/rental car/rideshare availability at airports
- Frequency of flights
- Timeliness of flights
- Transit to/from airports
- Services available at airports (ex: Wi-Fi, restaurants, gift shops, etc.)
- Need for additional air carriers/cargo service

Comment Map – Pipeline



- Additional infrastructure for oil, water, gas, etc. needed
- Additional natural gas processing plants needed

What Happens When The Plan Is Finished?



How Will NDDOT Use The Plan?

Next Steps:

- Continue to work with local governments to identify projects based on ideal wants and urgent needs
- One-on-one meetings with key stakeholders
- Provide project updates via social media and website

NDDOT Project Process:

Define project → Secure Funding → Complete Project



Thank You For Participating In Today's Meeting!

Questions?

www.dot.nd.gov/projects/frp/

Phone: 701.328.2500

Email: Connect@TransportationConnection.org

Take the Participant Survey:

<https://form.jotform.com/212656753957065>

